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PTO/SB/05 (4/98)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))	Attorney Docket No.	P3813
	First Inventor or Application Identifier	Stephen Melvin, et al.
	Title	Method and Apparatus for Implementing Atomicity of Memory Operations in Dynamic Multi-Streaming Processors
	Express Mail Label No.	EJ745193384US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. <input checked="" type="checkbox"/> Specification [Total Pages 54] (preferred arrangement set forth below) - Descriptive title of the invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the invention - Brief Summary of the invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 11] 4. Oath or Declaration [Total Pages 2] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 16 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).	5. <input type="checkbox"/> Microfiche Computer Program (Appendix) 6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies ACCOMPANYING APPLICATION PARTS 7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 8. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney (when there is an assignee) 9. <input type="checkbox"/> English Translation Document (if applicable) 10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 11. <input type="checkbox"/> Preliminary Amendment 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 13. <input checked="" type="checkbox"/> * Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired (PTO/SB/09-12) 14. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 15. <input checked="" type="checkbox"/> Other: Check for fees

* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:
☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No: 09 / 312,302
 Prior application information: Examiner NA Group / Art Unit: NA

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

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Name (Print/Type)	Donald R. Boys	Registration No. (Attorney/Agent)	35074
Signature	<i>Donald R. Boys</i>	Date	06/12/2000

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FEE TRANSMITTAL		Complete if Known		
<i>Note: Effective October 1, 1997. Patent fees are subject to annual revision.</i>		Application Number	NA	
		Filing Date	06/12/2000	
		First Named Inventor	Stephen Melvin, et al.	
		Group Art Unit	NA	
		Examiner Name	NA	
TOTAL AMOUNT OF PAYMENT (\$)		345.00	Attorney Docket Number	P3813

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																									
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <input type="text"/></p> <p>Deposit Account Name <input type="text"/></p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>		<p>3. ADDITIONAL FEES</p> <table border="1"><thead><tr><th>Large Entity Fee Code (\$)</th><th>Small Entity Fee Code (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105</td><td>130 205 65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>127</td><td>50 227 25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>139</td><td>130 139 130</td><td>Non-English specification</td><td></td></tr><tr><td>147</td><td>2,520 147 2,520</td><td>For filing a request for reexamination</td><td></td></tr><tr><td>112</td><td>920* 112 920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113</td><td>1,840* 113 1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115</td><td>110 215 55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>116</td><td>400 216 200</td><td>Extension for reply within second month</td><td></td></tr><tr><td>117</td><td>950 217 475</td><td>Extension for reply within third month</td><td></td></tr><tr><td>118</td><td>1,510 218 755</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>128</td><td>2,060 228 1,030</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>119</td><td>310 219 155</td><td>Notice of Appeal</td><td></td></tr><tr><td>120</td><td>310 220 155</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121</td><td>270 221 135</td><td>Request for oral hearing</td><td></td></tr><tr><td>138</td><td>1,510 138 1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140</td><td>110 240 55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>141</td><td>1,320 241 660</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>142</td><td>1,320 242 660</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143</td><td>450 243 225</td><td>Design issue fee</td><td></td></tr><tr><td>144</td><td>670 244 335</td><td>Plant issue fee</td><td></td></tr><tr><td>122</td><td>130 122 130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123</td><td>50 123 50</td><td>Petitions related to provisional applications</td><td></td></tr><tr><td>126</td><td>240 126 240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>581</td><td>40 581 40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>146</td><td>790 246 395</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr><tr><td>149</td><td>790 249 395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr><tr><td colspan="2">Other fee (specify) _____</td><td></td><td></td></tr><tr><td colspan="2">Other fee (specify) _____</td><td></td><td></td></tr><tr><td colspan="2">SUBTOTAL (1) (\$)</td><td>345.00</td><td></td></tr></tbody></table>		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130 205 65	Surcharge - late filing fee or oath		127	50 227 25	Surcharge - late provisional filing fee or cover sheet		139	130 139 130	Non-English specification		147	2,520 147 2,520	For filing a request for reexamination		112	920* 112 920*	Requesting publication of SIR prior to Examiner action		113	1,840* 113 1,840*	Requesting publication of SIR after Examiner action		115	110 215 55	Extension for reply within first month		116	400 216 200	Extension for reply within second month		117	950 217 475	Extension for reply within third month		118	1,510 218 755	Extension for reply within fourth month		128	2,060 228 1,030	Extension for reply within fifth month		119	310 219 155	Notice of Appeal		120	310 220 155	Filing a brief in support of an appeal		121	270 221 135	Request for oral hearing		138	1,510 138 1,510	Petition to institute a public use proceeding		140	110 240 55	Petition to revive - unavoidable		141	1,320 241 660	Petition to revive - unintentional		142	1,320 242 660	Utility issue fee (or reissue)		143	450 243 225	Design issue fee		144	670 244 335	Plant issue fee		122	130 122 130	Petitions to the Commissioner		123	50 123 50	Petitions related to provisional applications		126	240 126 240	Submission of Information Disclosure Stmt		581	40 581 40	Recording each patent assignment per property (times number of properties)		146	790 246 395	Filing a submission after final rejection (37 CFR 1.129(a))		149	790 249 395	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify) _____				Other fee (specify) _____				SUBTOTAL (1) (\$)		345.00	
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<p>2. CLAIMS</p> <table border="1"><thead><tr></tr></thead></table>																																																																																																																											

Certificate of Express Mailing

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Date of Deposit: 06/12/2000

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First Named Inventor: Stephen Melvin, et al.

Serial Number: NA

Filing Date: 06/12/2000

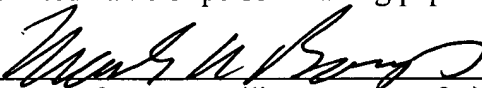
Title of Case: Method and Apparatus for Implementing Atomicity of Memory Operations in Dynamic Multi-Streaming Processors

I hereby certify that the attached papers are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and addressed to the Commissioner of Patents and Trademarks, Washington D.C. 20231

1. Utility patent application transmittal.
2. 54 sheets of specification.
3. 11 sheets of drawings.
4. Fee transmittal.
5. Duplicate fee transmittal.
6. Declaration and Power of Attorney.
7. Verified Statement Claiming Small Entity.
8. Check for fees in the amount of \$345.00.
9. Certificate of express mailing.
10. Postcard listing contents.

Mark A. Boys

(Typed or printed name of person mailing paper or fee)



(Signature of person mailing papers or fee)

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